

PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 4

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|                        |              |
|------------------------|--------------|
| Application Number     | 09/975,220   |
| Filing Date            | Oct 11, 2001 |
| First Named Inventor   | MAHENDRAN    |
| Art Unit               | 1723         |
| Examiner Name          | KIM, Sun U.  |
| Attorney Docket Number | 4320-443     |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--|--------------------------------|--|---|
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| JK                     |                          | US 4,000,401                               | 05-29-1987                     | Okumura et al.                                     |   |
|                        |                          | US 3,953,758                               | 12-10-1974                     | Stana  |   |
|                        |                          | US 6,036,789                               | 07-30-1991                     | Rosberg et al.                                     |   |
|                        |                          | US 6,092,384                               | 11-16-1976                     | Chippay et al.                                     |   |
|                        |                          | US 3,704,160                               | 02-26-1974                     | Cisk et al.  |   |
| JK                     |                          | US 4,414,113                               | 11-08-1983                     | LaTorre  |   |

**FOREIGN PATENT DOCUMENTS**

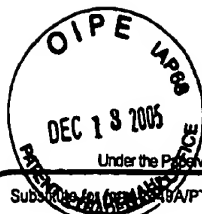
| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>3</sup>   |
|------------------------|--------------------------|---|-----------------------------------|---|--|--|
|                        |                          | Country Code <sup>4</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                   |   |  |  |
| JK                     |                          | JP 05-164362  | 06-22-1993                        | Ebara Inflico Co. Ltd.                                |  | ✓  |
|                        |                          | English language abstract of JP05-154362  |                                   |   |  |  |
|                        |                          | JP08-023245   | 02-04-1994                        | Ebara Inflico Co. Ltd.                                |  | ✓  |
|                        |                          | English language abstract of JP08-023245  |                                   |   |  |  |
|                        |                          | JP08-208472   | 08-13-1996                        | Sumitomo Heavy<br>Ind. Ltd.                           |  | ✓<br>Machine &<br>Human<br>Translation of<br>paragraphs<br>17-22 |
| JK                     |                          | English language abstract of JP08-208472  |                                   |   |  |  |
|                        |                          | JP08-289261   | 11-14-1997                        | Nitto Denko Corp.                                     |  | ✓<br>Machine   |
|                        |                          | English language abstract of JP08-289261  |                                   |   |  |  |
|                        |                          | JP08-131785   | 06-20-1996                        | Kubota Corp.  |  | ✓<br>Partial<br>Machine  |
|                        |                          | English language abstract of JP08-131785  |                                   |   |  |  |

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|-----------------------|-------------|--------------------|---------|
| Examiner<br>Signature | <i>JKim</i> | Date<br>Considered | 4/10/06 |
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Subsidiary Information/PTO

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|                    |                       | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |   |                                |   |   |                      |
| JK                 |                       | JP07-047245   |   | 02-21-1995                     | Kurita Water Ind. Ltd.                          |   | ✓                    |
|                    |                       | <del>JP08-116322</del>  |   | 08-09-1994                     | Kubota Corp.                                    |   | ✓<br>Machine         |
|                    |                       | <del>English language abstract of JP00-216237</del>                                 |   |                                |   |   |                      |
|                    |                       | <del>English language abstract of JP00-308883</del>                                 |   | 12-02-1997                     | Kubota Corp.                                    |   |                      |
|                    |                       | <del>English language abstract of JP00-240482</del>                                 |   | 00-02-1997                     | Kubota Corp.                                    |   |                      |
|                    |                       | <del>English language abstract of JP07-132213</del>                                 |   | 05-23-1995                     | Ebara Corp.                                     |   |                      |
|                    |                       | JP10-277399   |   | 10-20-1998                     | Mitsubishi Rayon Co. Ltd. et al.                |   | ✓<br>Partial Machine |
|                    |                       | <del>English language abstract of JP10-277399</del>                                 |   |                                |   |   |                      |
|                    |                       | EP0427076   |   | 05-15-1991                     | Remicon Inc.                                    |   |                      |
|                    |                       | JP00-257072   |   | 10-06-1990                     | Mitsubishi Rayon Eng. Co. Ltd. et al.           |   | ✓<br>Machine         |
|                    |                       | <del>English language abstract of JP00-257072</del>                                 |   |                                |   |   |                      |
|                    |                       | GB-2120052A   |   | 12-14-1983                     | JGC Corporation                                 |   |                      |
|                    |                       | <del>English language abstract of JP07-227320</del>                                 |   | 08-29-1993                     | Nitto Denko Corp.                               |   |                      |
|                    |                       | <del>English language abstract of JP04-107005</del>                                 |   | 03-01-1990                     | Ebara Corp.                                     |   |                      |
|                    |                       | <del>English language abstract of JP01-290604</del>                                 |   |                                |   |   |                      |
|                    |                       | <del>JP-01-107407</del>   |   | 07-29-1990                     | Sumitomo Bakelite Co. Ltd.                      |   |                      |
|                    |                       | JWO-0746103   |   | 12-04-1997                     | Cole et al.                                     |   |                      |
|                    |                       | <del>English language abstract of JP02093422</del>                                  |   | 04-06-1990                     | Ankua Runesanou Gijutsu Kenkyu Kumiai           |   |                      |
|                    |                       | <del>JP02093422</del>   |   | 04-06-1990                     | Ankua Runesanou Gijutsu Kenkyu Kumiai           |   |                      |
|                    |                       | JP08-252438   |   | 10-01-1996                     | Maezawa Ind. Inc.                               |   | ✓<br>Partial Machine |
|                    |                       | <del>English language abstract of JP00-252438</del>                                 |   |                                |   |   |                      |
|                    |                       | <del>English language abstract of JP01-293103</del>                                 |   | 11-27-1989                     | Kurita Water Ind. Ltd.                          |   |                      |
|                    |                       | <del>English language abstract of JP00-126328</del>                                 |   | 04-27-1992                     | Ebara Infileo Co. Ltd.                          |   |                      |
|                    |                       | <del>English language abstract of JP07-116482</del>                                 |   | 05-00-1995                     | Kurita Water Ind. Ltd.                          |   |                      |
|                    |                       | <del>English language abstract of JP08-277684</del>                                 |   | 10-04-1994                     | Dai-ichi Chem. Ind. Ltd.                        |   |                      |
|                    | UK                    |   | <del>English language abstract of JP05-104884</del> |                                | 07-27-1990                                      | Mitsubishi Rayon Co. Ltd.   |                      |

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Signature

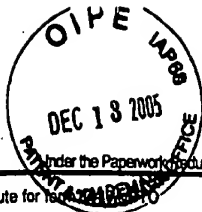
JKim

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|   |                        | Art Unit                 | 1723         |
|   |                        | Examiner Name            | KIM, Sun U.  |
| Sheet 3 of 4  | Attorney Docket Number | 4320-443                 |              |

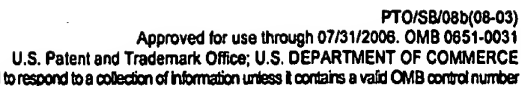
| FOREIGN PATENT DOCUMENTS |                       |   |  |                             |   |   |  |
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| JK                       |                       | English language abstract of JP04-151182  |  | 05-04-1992                  | Ebara Inflico Co. Ltd et al.                    |   |  |
|                          |                       | English language abstract of JP09-188208  |  | 05-27-1997                  | Hitachi Ltd et al.                              |   |  |
|                          |                       | English language abstract of JP03-088144  |  | 01-07-1991                  | Akua Runesaneu Gijutsu                          |   |  |
|                          |                       | DE 40502510   |  | 01-30-1997                  | Mehlitz   |   | ✓ Machine  |
|                          |                       | English language abstract of WO98/44420   |  | 10-04-1998                  | Int Applied Sciences Inc.                       |   |  |
|                          |                       | JP08-281082   |  | 10-29-1995                  | Kubota Corp                                     |   | ✓ Partial Machine                                |
|                          |                       | English language abstract of JP08-281082  |  |                             |   |   |  |
|                          |                       | English language abstract of JP01-157300  |  | 07-17-1990                  | Ebara Corp.                                     |   |  |
|                          |                       | JP09-220509   |  | 08-20-1997                  | Kubota Corp                                     |   | ✓ Machine  |
|                          |                       | English language abstract of JP09-220509  |  |                             |   |   |  |
|                          |                       | JP03-154470   |  | 08-22-1993                  | Ebara Inflico Co. Ltd                           |   | ✓ Machine & Human Translation of paragraph 11-28 |
|                          |                       | English language abstract of JP05-154470  |  |                             |   |   |  |
|                          |                       | JP 07-178920  |  | 07-18-1995                  | Mitsubishi Rayon Co. et al.                     |   | ✓ Machine  |
|                          |                       | English language abstract of JP07-178920  |  | 07-18-1995                  | Mitsubishi Rayon Co. et al.                     |   |  |
|                          |                       | English language abstract of JP06-238273  |  | 08-30-1994                  | Mitsubishi Rayon Eng Co Ltd                     |   |  |
| JK                       |                       | English language abstract of JP06-218242  |  | 08-09-1994                  | Nitto Denko Corp                                |   |  |
|                          |                       | English language abstract of JP06-218240  |  | 08-09-1994                  | Toto Ltd.                                       |   |  |

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| Examiner Signature | <i>JKim</i> | Date Considered | 4/10/06 |
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